ABSTRACT OF THE DISCLOSURE

In an image processor on multi-level image data,
an edge direction of a target pixel is discriminated from
differences in density level between the target pixel and

5   adjacent pixels thereof. A pixel is divided into a
plurality of sub-pixels, and the image is formed in the
unit of sub-pixels. The density level is set for each of
the sub-pixels in the target pixel in accordance with the
discrimination on the edge direction of the target pixel so

10   that the center of gravity in density is changed in the
target level. Then a character edge portion is reproduced
more smoothly.